

2017

Integrated circuit/semiconductor

Supplier 1

CAS No.	Name	Releases (kg/year)				Transfers(kg/year)	
		Air emission	Public water area	Land	On site Landfills	Sweage Line	Waste
98-54-4	4-tert-Butylphenol	100	0	0	0	0	940
127-19-5	N,N-DIMETHYLACETAMIDE	2100	1400	0	0	0	9600
68-12-2	N,N-dimethylformamide	580	1420	0	0	0	20100
7440-02-0	Nickel	0.5	0	0	0	5	270
7440-02-0	Nickel compounds	0.2	0	0	0	2.3	120
7664-39-3	HYDROGENFLUORIDE	431.3	11210	0	0	0	2139.3
71-43-2	BENZENE	0	0	0	0	0	0
90-12-0	1-METHYLNAPHTHALENE	11	0	0	0	0	1300
506-61-6	Silver and its water-soluble compounds	2.4	0.2	0	0	14	22
74-90-8	HYDROGEN CYANIDE	52	0	0	0	3.1	510
1303-00-0	Arsenic and its inorganic compounds	0	0	0	0	0	520

Supplier 2

CAS No.	Name	Releases (kg/year)				Transfers(kg/year)	
		Air emission	Public water area	Land	On site Landfills	Sweage Line	Waste
95-63-6	1,2,4-TRIMETHYLBENZENE	1,753	0	0	0	0	10,700
108-67-8	1,3,5-Trimethylbenzene	512	0	0	0	0	3,200
141-43-5	2-AMINOETHANOL	390	0	0	0	0	8,709
68-12-2	N,N-dimethylformamide	41	105	0	0	0	16,000
7440-36-0	ANTIMONY	0	0	0	0	0	360
100-41-4	ETHYLBENZENE	2,400	0	0	0	0	0
107-15-3	ethylenediamine	430	0	0	0	0	1,800
120-80-9	catechol	0	0	0	0	0	2,800
108-38-3	xylene	9,075	0	0	0	0	800
95-50-1	dichlorobenzene	1,710	0	0	0	0	44,000
91-20-3	naphthalene	500	0	0	0	0	2,100
302-01-2	hydrazine	750	0	0	0	0	3,200
108-95-2	phenol	2,208	0	0	0	0	26,400
7664-39-3	HYDROGENFLUORIDE	2,836	36,000	0	0	640	87,700
90-12-0	1-METHYLNAPHTHALENE	1,240	0	0	0	0	5,300
7705-08-0	FERRICCHLORIDE	0	0	0	0	0	0
7761-88-8	Silver and its water-soluble compounds	0	0	0	0	0	50
7440-50-8	Inorganic copper salts. (except for copper fulminate)	0	140	0	0	0	2,900

Supplier 3

CAS No.	Name	Releases (kg/year)				Transfers(kg/year)	
		Air emission	Public water area	Land	On site Landfills	Sweage Line	Waste
123-91-1	1,4-Dioxane	0.0	0.0	0.0	0.0	0.0	100
141-43-5	2-AMINOETHANOL	0.0	0.0	0.0	0.0	0.0	82
100-41-4	ETHYLBENZENE	4811.0	0.0	0.0	0.0	0.0	4200
109-86-4	ETHYLENE GLYCOL MONOMETHYL ETHER	0.0	0.0	0.0	0.0	0.0	4300
120-80-9	catechol	0	0.0	0.0	0.0	0.0	1400
108-38-3	xylene	3170	0.0	0.0	0.0	0.0	24200
62-56-6	Thiourea	0	0.0	0.0	0.0	0.0	190
91-20-3	naphthalene	1200.0	0.0	0.0	0.0	0.0	11000
7440-02-0	Nickel	0.0	0.0	0.0	0.0	0.0	0
7440-02-0	Nickel compounds	0.0	0.7	0.0	0.0	0.0	1
110-85-0	PIPERAZINE	0.0	98.0	0.0	0.0	1800.0	0
7664-39-3	HYDROGENFLUORIDE	500	1957.0	0.0	0.0	4323.0	37600
7440-42-8	Boron compounds	0	19.0	0.0	0.0	0.0	16
84-74-2	2-(2-[4-(1,1,3,3-Tetramethylbutyl)phenoxy]ethoxy)ethanol	0	0.0	0.0	0.0	0.0	13
117-81-7	POLY(OXYETHYLENE) NONYLPHENYL ETHER	0.0	0.0	0.0	0.0	0.0	29
50-00-0	Formaldehyde	1.6	0.0	0.0	0.0	0.0	160
90-12-0	1-METHYLNAPHTHALENE	1623	0.0	0.0	0.0	0.0	13000
506-61-6	Silver and its water-soluble compounds	0	0.0	0.0	0.0	0.0	0
121-65-3	Alkyl(C=6-20) benzenesulfonic acid	0.0	0.0	0.0	0.0	0.0	17.0
142-71-2	Inorganic copper salts. (except for copper fulminate)	0.0	9.3	0.0	0.0	0.0	120.0
1303-00-0	Arsenic and its inorganic compounds	0.0	0.0	0.0	0.0	4.6	110.0

Motor

Supplier 1

CAS No.	Name	Releases (kg/year)				Transfers(kg/year)	
		Air emission	Public water area	Land	On site Landfills	Sweage Line	Waste
106-94-5	1-Bromopropane	13,300	0	0	0	0	600
90-12-0	1-METHYLNAPHTHALENE	8.8	0	0	0	0	0
7705-08-0	FERRICCHLORIDE	0	0	0	0	0	0

Supplier 2

CAS No.	Name	Releases (kg/year)				Transfers(kg/year)	
		Air emission	Public water area	Land	On site Landfills	Sweage Line	Waste
95-63-6	1,2,4-TRIMETHYLBENZENE	2,300	0	0	0	0	3
106-94-5	1-Bromopropane	2,190	0	0	0	0	0
7440-74-6	Indium and Indium compounds	0	0	0	0	0	0
7440-43-9	cadmium and cadmium compounds	0	0	0	0	0	0
108-38-3	xylene	2,400	0	0	0	0	56
100-42-5	styrene	14,220	0	0	0	0	171
108-88-3	toluene	5,110	0	0	0	0	510
7440-02-0	Nickel compounds	0	0	0	0	0	0
90-12-0	1-METHYLNAPHTHALENE	5	0	0	0	0	0
75-09-2	dichloromethane	2,400	0	0	0	0	24
7705-08-0	FERRICCHLORIDE	0	0	0	0	0	0
7761-88-8	Silver and its water-soluble compounds	0	0	0	0	0	0

External power supply (EPS)

Supplier 1

CAS No.	Name	Releases (kg/year)				Transfers(kg/year)	
		Air emission	Public water area	Land	On site Landfills	Sweage Line	Waste
95-63-6	1,2,4-TRIMETHYLBENZENE	1100	0	0	0	0	470
552-30-7	1,2,4-Benzene tricarboxylic acid 1,2-anhydride	0	0	0	0	0	0
111-87-5	octanols	0	0	0	0	0	81
141-43-5	2-AMINOETHANOL	500	0	0	0	0	34000
149-57-5	2-Ethylhexanoic acid	0	0	0	0	0	27000

96-33-3	methyl acrylate	0	0	0	0	0	120
100-41-4	ETHYLBENZENE	25000	0	0	0	0	7120
109-86-4	ETHYLENE GLYCOL MONOMETHYL ETHER	0	0	0	0	0	0
120-80-9	catechol	0	0	0	0	0	6200
108-38-3	xylene	25009.5	0	0	0	0	7120
7440-48-4	Cobalt and its compounds	0	0	0	0	0	1700
108-88-3	toluene	154500	0	0	0	0	16800
7440-02-0	Nickel	0	25	0	0	0	49330.1
7440-02-0	Nickel compounds	0	45	0	0	0	94350
302-01-2	hydrazine	0	0	0	0	0	730
123-31-9	hydroquinone	0	0	0	0	0	0
84-74-2	Di-n-butyl phthalate	20	0	0	0	0	40
117-81-7	Bis(2-ethylhexyl)phthalate	0	0	0	0	0	72620
7664-39-3	Hydrofluoric acid, anhydrous	0	0	0	0	0	2800
7727-21-1	Peroxydisulfuric acid, ((HO)S(O)2)2O2, dipotassium salt	0	0	0	0	0	64000
7440-42-8	Boron compounds	0	0	0	0	0	1121
9036-19-5	Tetramethylbutylphenoxyethoxyethanol	0	0	0	0	0	1200
50-00-0	Formaldehyde	0	0	0	0	0	4
7439-96-5	MANGANESE and its compounds	1.2	1.2	0	0	0	2700
90-12-0	1-METHYLNAPHTHALENE	26.4	0	0	0	0	0
7439-92-1	Lead	0	0	0	0	0	0
7439-92-1	Lead compounds	0	20	0	0	0	10000
7705-08-0	FERRICHLORIDE	0	0	0	0	0	110000
7761-88-8	Silver and its water-soluble compounds	0	0	0	0	0	0
142-71-2	Acetic acid, copper(2+) salt	0	0	0	0	0	0

2018

Integrated circuit/semiconductor

Supplier 1

CAS No.	Name	Releases (kg/year)				Transfers(kg/year)	
		Air emission	Public water area	Land	On site Landfills	Sweage Line	Waste
127-19-5	N,N-DIMETHYLACETAMIDE	1500	1000	0	0	0	8200
68-12-2	N,N-dimethylformamide	440	1120	0	0	0	17900
7440-02-0	Nickel	0.5	0	0	0	5.3	280
7440-02-0	Nickel compounds	0.2	0	0	0	2.1	110
7664-39-3	HYDROGENFLUORIDE	381.2	9480	0	0	0	1750
71-43-2	BENZENE	0	0	0	0	0	0
90-12-0	1-METHYLNAPHTHALENE	8	0	0	0	0	1100
506-61-6	Silver and its water-soluble compounds	2.2	0.1	0	0	13	20
74-90-8	HYDROGEN CYANIDE	52	0	0	0	3.1	510

Supplier 2

CAS No.	Name	Releases (kg/year)				Transfers(kg/year)	
		Air emission	Public water area	Land	On site Landfills	Sweage Line	Waste
95-63-6	1,2,4-TRIMETHYLBENZENE	1,471	0	0	0	0	10,200
108-67-8	1,3,5-Trimethylbenzene	412	0	0	0	0	2,800
141-43-5	2-AMINOETHANOL	0	0	0	0	0	6,700
68-12-2	N,N-dimethylformamide	27	71	0	0	0	11,100
7440-36-0	ANTIMONY	0	0	0	0	0	260
100-41-4	ETHYLBENZENE	1,900	0	0	0	0	0
107-15-3	ethylenediamine	340	0	0	0	0	1,400
120-80-9	catechol	0	0	0	0	0	2,300
108-38-3	xylene	6,221	0	0	0	0	0
95-50-1	dichlorobenzene	2,780	0	0	0	0	36,000
91-20-3	naphthalene	401	0	0	0	0	1,400
302-01-2	hydrazine	580	0	0	0	0	2,500
108-95-2	phenol	1,930	0	0	0	0	20,900
7664-39-3	HYDROGENFLUORIDE	2,288	28,500	0	0	520	87,300
7727-21-1	Peroxydisulfuric acid, dipotassium salt	0	0	0	0	0	0
90-12-0	1-METHYLNAPHTHALENE	1,016	0	0	0	0	3,700
7705-08-0	FERRICHLORIDE	0	0	0	0	0	0
7761-88-8	Silver and its water-soluble compounds	0	0	0	0	0	75
7440-50-8	Inorganic copper salts. (except for copper fulminate)	0	130	0	0	0	2,700

Supplier 3

CAS No.	Name	Releases (kg/year)				Transfers(kg/year)	
		Air emission	Public water area	Land	On site Landfills	Sweage Line	Waste
123-91-1	1,4-Dioxane	0	0.1	0	0	0	0
141-43-5	2-AMINOETHANOL	0	0	0	0	0	1550
100-41-4	ETHYLBENZENE	4410	0	0	0	0	3800
109-86-4	ETHYLENE GLYCOL MONOMETHYL ETHER	0	0	0	0	0	4500
120-80-9	catechol	0	0	0	0	0	1300
108-38-3	xylene	2690	0	0	0	0	22100
62-56-6	Thiourea	0	0	0	0	0	87
91-20-3	naphthalene	1100	0	0	0	0	10000
7440-02-0	Nickel compounds	0	0.4	0	0	0	2.2
110-85-0	PIPERAZINE	0	81	0	0	1600	0
7664-39-3	HYDROGENFLUORIDE	605	2082	0	0	5250	52500
7440-42-8	Boron compounds	0	15	0	0	0	16
84-74-2	2-(2-[4-(1,1,3,3-Tetramethylbutyl)phenoxy]ethoxy)ethanol	0	0	0	0	0	46
117-81-7	POLY(OXYETHYLENE) NONYLPHENYL ETHER	0	0	0	0	0	10
50-00-0	Formaldehyde	1.4	0	0	0	0	230
90-12-0	1-METHYLNAPHTHALENE	1418	0	0	0	0	12000
506-61-6	Silver and its water-soluble compounds	0	0	0	0	0	0
121-65-3	Alkyl(C=6-20) benzenesulfonic acid	0	0	0	0	0	27
142-71-2	Inorganic copper salts. (except for copper fulminate)	0	7.6	0	0	0	120
1303-00-0	Arsenic and its inorganic compounds	0	0	0	0	4.9	140

Motor

Supplier 1

CAS No.	Name	Releases (kg/year)				Transfers(kg/year)	
		Air emission	Public water area	Land	On site Landfills	Sweage Line	Waste
106-94-5	1-Bromopropane	7,848	0	0	0	0	620
90-12-0	1-METHYLNAPHTHALENE	9	0	0	0	0	0
7705-08-0	FERRICHLORIDE	0	0	0	0	0	0

Supplier 2

CAS No.	Name	Releases (kg/year)				Transfers(kg/year)	
		Air emission	Public water area	Land	On site Landfills	Sweage Line	Waste
95-63-6	1,2,4-TRIMETHYLBENZENE	2,300	0	0	0	0	4
106-94-5	1-Bromopropane	2,400	0	0	0	0	0
7440-74-6	Indium and Indium compounds	0	0	0	0	0	0
7440-43-9	cadmium and cadmium compounds	0	0	0	0	0	0
108-38-3	xylene	2,300	0	0	0	0	52
100-42-5	styrene	15,320	0	0	0	0	160
108-88-3	toluene	4,560	0	0	0	0	310
90-12-0	1-METHYLNAPHTHALENE	5	0	0	0	0	0
75-09-2	dichloromethane	2,600	0	0	0	0	27
7705-08-0	FERRICHLORIDE	0	0	0	0	0	0
7761-88-8	Silver and its water-soluble compounds	0	0	0	0	0	0

External power supply (EPS)

Supplier 1

CAS No.	Name	Releases (kg/year)				Transfers(kg/year)	
		Air emission	Public water area	Land	On site Landfills	Sweage Line	Waste
95-63-6	1,2,4-TRIMETHYLBENZENE	1300	0	0	0	0	490
552-30-7	1,2,4-Benzene tricarboxylic acid 1,2-anhydride	0	0	0	0	0	0
111-87-5	octanols	0	0	0	0	0	85
141-43-5	2-AMINOETHANOL	550	0	0	0	0	16
149-57-5	2-Ethylhexanoic acid	0	0	0	0	0	27000
96-33-3	methyl acrylate	0	0	0	0	0	180
100-41-4	ETHYLBENZENE	29000	0	0	0	0	7130
109-86-4	ETHYLENE GLYCOL MONOMETHYL ETHER	0	0	0	0	0	0
120-80-9	catechol	0	0	0	0	0	0

108-38-3	xylene	31106.2	0	0	0	0	7075
7440-48-4	Cobalt and its compounds	0	0	0	0	0	360
108-88-3	toluene	205230	0	0	0	0	15500
7440-02-0	Nickel	0	26.8	0	0	0	68325
7440-02-0	Nickel compounds	0.1	10.1	0	0	0	165200
302-01-2	hydrazine	0	0	0	0	0	1000
123-31-9	hydroquinone	0	0	0	0	0	0
84-74-2	Di-n-butyl phthalate	0	0	0	0	0	0
117-81-7	Bis(2-ethylhexyl)phthalate	0	0	0	0	0	86690
7664-39-3	Hydrofluoric acid, anhydrous	0	0	0	0	0	2900
7727-21-1	Peroxydisulfuric acid, ((HO)S(O)2)2O2, dipotassium salt	0	0	0	0	0	103000
7440-42-8	Boron compounds	0	0	0	0	0	1609
9036-19-5	Tetramethylbutylphenoxyethoxyethanol	0	0	0	0	0	1000
50-00-0	Formaldehyde	0	0	0	0	0	4
7439-96-5	MANGANESE and its compounds	1.3	1.3	0	0	0	4580
90-12-0	1-METHYLNAPHTHALENE	30.6	0	0	0	0	0
7439-92-1	Lead	0	0	0	0	0	0
7439-92-1	Lead compounds	0	24	0	0	0	9800
7705-08-0	FERRICCHLORIDE	0	0	0	0	0	500000
7761-88-8	Silver and its water-soluble compounds	0	0	0	0	0	0
142-71-2	Acetic acid, copper(2+) salt	0	0	0	0	0	23600